



# **P-LTRL** **CEMENTING SERVICE BULLETIN**

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## **P-LTRL (PETROCHEM - LOW TEMPERATURE RETARDER LIQUID)**

### **TECHNICAL DATA**

P-LTRL is a low temperature cement retarder liquid for slurries designated for use up to 280 deg.<sup>0</sup>F. P-LTRL disperses easily in water and can be used with either fresh or sea water.

Once dispersed in water P-LTRL is compatible with all of the commonly used cements and cement additives. The normal concentration range of P-LTRL is 0.02 To 0.04 Gallons per sack of cement.

Generally speaking, the use of P-LTRL at 0.04 Gals./Sk. of cement mixed with fresh water at 15.6 Ppg. Will provide appx. 5 Hrs: Thickening time at a BHST of 170 deg.<sup>0</sup>F. However, specific thickening time data for slurry design must be determined in the laboratory with the cement, water and other additives prior to the cement job.

### **PROPERTIES**

<b><u>PRODUCT</u></b>	<b><u>FORM</u></b>	<b><u>SP. GR.</u></b>	<b><u>PACKAGING</u></b>
P-LTRL	Dark Brown	1.25	55 Or 5 gal. Pails.

### **SAFETY**

Chemical goggles are required while handling P-LTRL since the product is viscous and eye contact will be irritating. If the P-LTRL gets in the eyes, rinse with running water while holding the eye lids apart. If irritation persists, get medical attention. If the skin is contacted - wash thoroughly with water. For more information on safety refer to the MSDS sheet.